| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| S6 | 163 | by-pass adj valve and packer | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/07 08:57 |
| S7 | 52383 | ("166").CLAS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/10/27 08:52 |
| S8 | 117 | S6 and S7 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/31 10:18 |
| S9 | 195 | (166/186).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/10/27 10:20 |
| S10 | 2456 | (166/186,386,387,133,131,145,149, 332.1).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/10/27 10:21 |
| S11 | 34 | S10 and (by-pass adj valve) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/27 10:21 |
| S12 | 430 | by-pass adj valve and annulus | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/27 12:52 |
| S13 | 64 | S12 and S7 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/27 12:52 |

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|---|---|---|---|---|---|---|---|
| S14 | 209 | (166/184).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/10/27 13:55 | *nac* |
| S15 | 206 | (166/151).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/10/31 08:26 | *nac* |
| S16 | 557 | ((by-pass or bypass) adj valve) and packer | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/27 13:58 | |
| S17 | 423 | S16 and S7 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/27 13:58 | |
| S19 | 418 | S17 and pressure | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/27 13:58 | |
| S20 | 195 | (166/186).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/10/31 08:27 | *nac* |
| S21 | 52383 | ("166").CLAS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/10/31 10:11 | |
| S22 | 557 | ((by-pass or bypass) adj valve) and packer | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/31 10:11 | |

| S23 | 423 | S22 and S21 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/31 10:11 |
|-----|-----|-------------|-----|-----|-----|-----|
| S24 | 418 | S23 and pressure | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/31 10:11 |
| S25 | 291 | S24 and annulus | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/31 10:17 |
| S26 | 163 | by-pass adj valve and packer | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/31 10:19 |
| S27 | 117 | S26 and S21 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/31 10:19 |
| S28 | 241 | S25 not S27 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/31 10:19 |
| S29 | 12878 | sliding adj sleeve | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/06 08:42 |
| S30 | 52723 | ("166").CLAS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/06 08:42 |

| S31 | 1332 | S29 and S30 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/06 08:42 |
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| S32 | 973 | S31 and packer | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/06 08:42 |
| S33 | 920 | S32 and pressure | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/06 08:45 |
| S34 | 433 | S33 and shear | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/06 11:02 |
| S35 | 2 | ("2878877").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/06 15:50 | *nac* |
| S37 | 1071 | (open near3 (conveyance or running)) with valve | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/06 15:51 |
| S38 | 2 | S37 and by adj pass | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/06 15:51 | *nac* |
| S39 | 116 | S37 and by-pass | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/06 15:51 |

| S40 | 6 | S39 and packer | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/06 15:51 |
| S41 | 4270 | ((open near3 valve) with (conveyance or running)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/07 08:58 |
| S42 | 25 | S41 and by-pass and packer | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/07 08:58 |